

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

Page 1 of 3

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- TASK NO. AMENDMENT 99124 352	415-616-41-27-89	00 & 01

TASK TITLE: (NTE 80 characters; include Project name)

GOES Project Mission Operations Services -- GOES N-Q

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)

David J. Mitchell
William Lebar

DATE

8/30/00

ORG CODE

415

MAIL CODE

415

PHONE

301-286-3004

BRANCH HEAD

Martin A. Davis

DATE

8/30/00

CODE

415

PHONE

301-286-8998

CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)

Robert S. Lebar, Jr.
Robert S. Lebar, Jr.

DATE

8/31/00

CODE

560

PHONE

301-286-6588

FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE

(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)

CONTRACTING OFFICER'S QUALITY REP.

DESIGNATED FAM:

[X] NO [] YES

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:

Date:

Contractor will develop specification or statement of work under this task for a future procurement. [X] NO [] YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. [] NO [] YES [X] N/A

Government Furnished Property/Facilities: [] NO [X] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: [X] NO [] YES If yes: [] TOTAL [] PARTIAL

If partial, indicate onsite work in SOW by asterisk (*)

Surveillance Plan Attached: [X] NO [] YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be 10/1/00.

INCENTIVE FEE STRUCTURE (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	X No. 1	No. 2	No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 1,348,008

The target fee of this task order is \$ 87,620

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 1,435,628

The maximum fee is \$ 128,060

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Elizabeth J. Austin
SIGNATURE OF CONTRACTING OFFICER

10/3/00
DATE

ELIZABETH J. AUSTIN
CONTRACTING OFFICER

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR		CONTRACT NO./TASK NO.	
QSS Group, Inc.		NAS5- 99124	TASK NO. 352
		AMENDMENT	

Applicable paragraphs from contract Statement of Work: Function 2 I

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

See Page 3.

PERFORMANCE SPECIFICATIONS:

CP Development: Develop Command Procedures (CP's) in preparation for End-to-End #2.

End-to-End #1A Procedure Review: Review End-to-End #1A procedures.

Review/Evaluate Contractor Deliverables: Review and evaluate contractor deliverables. Provide report on results of review/evaluation.

Monthly Status Reports: Monthly reports shall contain summary of activities completed during month, planned activities for the next month, problems/issues, and recommended action(s).

Travel/Trip Status Reports: Travel/trip reports shall contain summary of activities completed during travel item, problems/issues, and recommended action(s).

APPLICABLE DOCUMENTS:

None.

TASK END DATE: 9/30/01

MILESTONES/DELIVERABLES AND DATES:

End-to-End Test #1A Procedure Review:	1/1/01
End-to-End Test #2 Script Development:	Test - 30 days
End-to-End Test #2 Report	Test + 30 days
CP Development:	10/1/00 to 9/30/01
Review/Evaluate Contractor Deliverables:	10/1/00 to 9/30/01
Monthly Status Reports:	Last working day of month
Travel/Trip Status Reports:	5 days after return from trip

PERFORMANCE STANDARDS:

Schedule: On-time delivery/completion of the above
Technical: ATR's acceptance of the above

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

William Lehair, building 6, room W229

REQUEST FOR TASK PLAN / TASK ORDER

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QSS Group, Inc.	NAS5- 99124	352	

STATEMENT OF WORK:

(This is a follow-on to Task 265 under this contract; uninterrupted transition is required.)

The contractor shall establish a Mission Operations Support Team (MOST) at an offsite facility to provide services to the GOES Project at the NASA/Goddard Space Flight Center in conducting the GOES I-M Missions. The MOST shall provide expertise in performing systems engineering services, and will use the computing resources of the Satellite Operations Control Center at NOAA in Suitland, Maryland, to support mission operations.

The task activities are described below:

Mission Operations Services -- The MOST shall provide personnel and facilities to perform the following functions. Some travel is required to the spacecraft contractor's plant for conducting/participating in reviews, tests, etc.

1. Launch Preparation and Operations:

- Develop and maintain Telemetry and Command database
- Develop and maintain Command Procedures
- Develop and maintain Operations Scripts,
- Develop and maintain Contingency Operations Procedures.
- Develop Post-Launch Test (PLT) plan and test procedures.
- Plan and conduct mission simulations, rehearsals and training.
- Provide engineering services in conducting orbit raising operations.
- Provide around-the-clock engineering services in monitoring spacecraft health and safety
- Provide engineering services in conducting PLT and test data analysis.

2. Spacecraft and Ground System Testing:

- Plan and conduct ground system end-to-end (ETE) tests with the spacecraft using the NOAA SOCC to send commands and process telemetry.
- Provide services to the Mission Readiness Manager in the coordination of resources (i.e., Ground Network (GN), NOAA ground systems, and SOCC) and tests required for Integration Testing (I&T) network interface, testing, compatibility testing, network proficiency testing, and ETE testing.
- Provide ground system requirements, assist in validating changes to the NOAA SOCC ground systems.

3. System Maintenance and Configuration Management:

- Develop and maintain Telemetry and Command Database Tool, Script Generator, Graphic Timeline Tool, and other mission planning tools.
- Provide enhancement and maintenance effort on the MOST Local Area Network (LAN), servers, and nodes.
- Provide CM effort on all systems, LAN, databases, command procedures, and scripts.

4. Operations Reviews and Working Groups Services/Coordination:

- Participate in and coordinate MOST inputs to Mission Readiness Working Group (MRWG).
- Participate in and coordinate MOST inputs to Flight Operations Review (FOR).
- Participate in and coordinate MOST inputs to Operations Readiness Review (ORR).
- Participate in and coordinate MOST inputs to External Independent Readiness Review (EIRR).
- Participate in and coordinate MOST inputs to Network Operations Working Groups (NOWG).
- Participate in and coordinate MOST inputs to Mission Operations Working Groups (MOWG).
- Participate in and coordinate MOST inputs for all other reviews/working groups as needed.

5. Documentation Services

- Produce and deliver mission operations procedures.
- Produce and deliver operations review packages.
- Produce and deliver change pages, as needed, to the user's guides and programmer's maintenance manuals.